

PATENT
Serial No. 10/535,056
Amendment in Reply to Office Action of January 17, 2007

New Abstract

A traveling-wave amplifier includes amplifiers coupled anti-parallel to transmission lines. Phase(s) of the amplifiers provide phase matching, which may additionally or alternately be provided by couplers or spatial offset of the amplifiers and couplers. The traveling-wave amplifier provides compensation for the losses of the transmission lines, amplification of the signals and isolation between input and output by coupling the amplifiers to the transmission lines anti-parallel.

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IN THE ABSTRACT

Please delete the current Abstract in its entirety and
substitute therefor the enclosed New Abstract.